



TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
07820001AA

In Re Application Of: Oyama

Serial No.
10/089,515

Filing Date
7-3-02

Examiner
unknown

Group Art Unit
1755

Title: NOVEL TRANSITION METAL PHOSPHIDE CATALYSTS

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JUN 11 2003

TC 1700

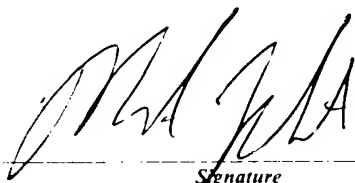
TO THE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE:

Transmitted herewith is:

- 1 IDS Submission
- 1 postcard + copy
- 1 PTO form 1449
- 1 transmittal letter
- 6 cited references

in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-2041 as described below.
 - ☐ Charge the amount of _____
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Signature

Dated: 6-10-03

Whitham, Curtis & Christofferson P.C.
Michael E. Whitham
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PATENT TRADEMARK OFFICE

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

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For: **NOVEL TRANSITION METAL PHOSPHIDE CATALYSTS**

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

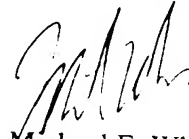
Sir:

Under the provisions of 37 C.F.R. 1.97 through 1.98 and pursuant to applicant's duty of disclosure under 37 C.F.R. 1.56, applicant respectfully brings the following documents, cited in a European Search Report and listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

It is respectfully requested that the listed references be considered by the examiner and be formally made of record in the application. Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-2041.

Respectfully submitted,



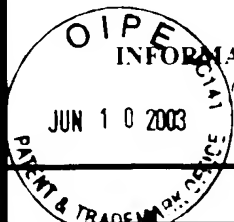
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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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Docket Number (Optional)

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Application Number

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Applicant(s)

Oyama

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	3,617,528	11-2-71	Hilfman			10-16-69
	2	5,763,721	6-9-98	Wu et al.			12-12-96
	3	5,834,522	11-10-98	Mignard et al.			3-22-95

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1.	Robinson et al. " Phosphorus promotion of Ni (Co)- containing Mo-free catalysts in quinoline hydrodenitrogenation" from the Journal of Catalysis pp. 539-550; article no. 0126 dated 1996 XP-001147827
		2. Nozaki; Tokumi " Hydrogenation activity of metal phosphides and promoting effect of oxygen" from the Journal of Catalysis pp. 207-210 vol. 79 dated 1983 XP009009979
		3. Li; Dhandapani; Oyama " Molybdenum Phosphide: A Novel Catalysts for Hydrodenitrogenation" vol. 27 pp. 207-208 dated XP009010252

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.